Welcome to STN International! Enter x:x

```
LOGINID:ssspta1200exs
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
* * * * * * * * * * Welcome to STN International
                                                    * * * * * * * * *
                 Web Page URLs for STN Seminar Schedule - N. America
 NEWS
 NEWS 2 Apr 08
                 "Ask CAS" for self-help around the clock
 NEWS 3 Apr 09
                 BEILSTEIN: Reload and Implementation of a New Subject Area
 NEWS 4 Apr 09
                 ZDB will be removed from STN
NEWS 5 Apr 19
                 US Patent Applications available in IFICDB, IFIPAT, and
IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and
ZCAPLUS
NEWS 7
         Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10
                 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
                 saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08
                 CANCERLIT reload
NEWS 17 Aug 08
                 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08
                 NTIS has been reloaded and enhanced
NEWS 19
                 Aquatic Toxicity Information Retrieval (AQUIRE)
         Aug 19
                 now available on STN
NEWS 20 Aug 19
                 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19
                 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26
                 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03
                 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on
STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
```

NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN

NEWS 38 Dec 30 ISMEC no longer available

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Jan 21
                NUTRACEUT offering one free connect hour in February 2003
NEWS 40 Jan 21
                PHARMAML offering one free connect hour in February 2003
NEWS 41 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
                 ENERGY, INSPEC
NEWS 42 Feb 13 CANCERLIT is no longer being updated
NEWS 43 Feb 24 METADEX enhancements
NEWS 44 Feb 24 PCTGEN now available on STN
NEWS 45 Feb 24 TEMA now available on STN
NEWS 46 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 47
        Feb 26 PCTFULL now contains images
NEWS 48 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 49 Mar 19
                APOLLIT offering free connect time in April 2003
NEWS 50 Mar 20 EVENTLINE will be removed from STN
NEWS 51 Mar 24 PATDPAFULL now available on STN
NEWS 52 Mar 24 Additional information for trade-named substances without
                 structures available in REGISTRY
NEWS 53 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS
NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
              MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
              AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS
              STN Operating Hours Plus Help Desk Availability
NEWS INTER
              General Internet Information
NEWS LOGIN
             Welcome Banner and News Items
NEWS PHONE
             Direct Dial and Telecommunication Network Access to STN
NEWS WWW
              CAS World Wide Web Site (general information)
```

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 10:08:17 ON 07 APR 2003

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:08:29 ON 07 APR 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 APR 2003 HIGHEST RN 501901-52-6 DICTIONARY FILE UPDATES: 6 APR 2003 HIGHEST RN 501901-52-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> s 74-74581/rn L1 0 74-74581/RN

=> 74:74581/dn
74:74581 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> file caplus COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
9.82 10.03

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 10:16:39 ON 07 APR 2003
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FILE COVERS 1907 - 7 Apr 2003 VOL 138 ISS 15 FILE LAST UPDATED: 6 Apr 2003 (20030406/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 74:74581/dn L3 1 74:74581/DN

```
=> d 13 all
     ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN
      1971:74581 CAPLUS
DN
     74:74581
ΤI
     Metabolism of orphenadrine citrate in man
     Ellison, Theodore; Snyder, Albert; Bolger, James W.; Okun, Ronald
ΑU
CS
     Riker Lab., Northridge, CA, USA
     Journal of Pharmacology and Experimental Therapeutics (1971), 176(2),
SO
     CODEN: JPETAB; ISSN: 0022-3565
DT
     Journal
LΑ
     English
CC
     15 (Pharmacodynamics)
GΙ
     For diagram(s), see printed CA Issue.
AΒ
     After receiving oral doses of orphenadrine citrate (I citrate), 4
     healthymen excreted the following metabolites in their urine:
     N-monodemethylorphenadrine, N,N-didemethylorphenadrine, orphenadrine
     N-oxide, and the glucuronide (sulfate) conjugates of o-
     methylbenzhydroxyacetic acid and o-methylbenzhydrol. Minor amts. of free
     o-methylbenzhydrol and o-methylbenzhydroxyacetic acid were also excreted.
ST
     orphenadrine metab men; diphenhydramines metab
IT
     4682-36-4
     RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
     (Biological study); PROC (Process)
        (metabolism of)
     5472-13-9
                10488-36-5
                             20263-93-8
                                           29215-00-7
                                                        32190-19-5
32205-92-8
     32720-22-2
                  32720-23-3
     RL: BIOL (Biological study)
        (of urine, as orphenadrine metabolite)
=>
---Logging off of STN---
=>
Executing the logoff script...
=> LOG Y
COST IN U.S. DOLLARS
                                                 SINCE FILE
                                                                 TOTAL
                                                      ENTRY
                                                               SESSION
FULL ESTIMATED COST
                                                       4.86
                                                                 14.89
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
                                                 SINCE FILE
                                                                 TOTAL
                                                      ENTRY
                                                               SESSION
CA SUBSCRIBER PRICE
                                                      -0.65
                                                                 -0.65
```

STN INTERNATIONAL LOGOFF AT 10:17:26 ON 07 APR 2003

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